

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) An information management method comprising:
invoking a client environment hosted on a client machine;
registering the client environment with a discovery machine coupled to the client machine by a network;
registering a server machine coupled to the network with the discovery machine;
registering a host environment of the client environment on the server machine with the discovery machine upon an indication that the server machine has a communication for the client environment;
determining whether a client machine is on-line; and
establishing a direct link between the client machine and the server machine if the client machine is on-line; and
delivering the communication from the server machine to the client machine via the direct link.
2. (Original) An information management method as recited in claim 1 wherein the host environment of the client environment on the server machine maintains a logon service.
3. (Original) An information management method as recited in claim 2 wherein a successful login via the logon service is dictated by a set of member credentials.
4. (Original) An information management method as recited in claim 1 wherein the host environment of the client environment on the server machine determines access to a piece of information via a set of rules.
5. (Original) An information management method as recited in claim 1 wherein the host environment of the client environment on the server machine maintains a list of available information.
6. (Original) An information management method as recited in claim 5 wherein the host environment of the client environment on the server machine maintains it list of owners of the list of available information and a list of locations of available information.

7. (Original) An information management method as recited in claim 6 wherein the host environment of the client environment on the server machine determines who to send an update of the piece of information by accessing the list of owners of the list of available information.
8. (Original) An information management method as recited in claim 1 wherein the client environment hosted on the client machine maintains a list of rules that determines access to a piece of information via a set of rules.
9. (Original) An information management method as recited in claim 1 wherein the discovery machine has an event handler that processes an event.
10. (Original) An information management method as recited in claim 9 wherein the event handler processes at least one of a register event, an unregister event, a send/post event, a request event or a raise event.
11. (Original) An information management method as recited in claim 10 wherein the register event invokes a request authentication process.
12. (Original) An information management method as recited in claim 10 wherein the request event invokes a credential verification process.
13. (Original) An information management method as recited in claim 12 wherein the credential verification process also includes a request handling process.
14. (Original) An information management method as recited in claim 13 wherein the request handling process also includes a decrypted request handling process.
15. (Original) An information management method as recited in claim 14 wherein the decrypted request handling process processes at least one of a retrieve all request type, a get count/list request type, a retrieve one(s) request type and a retrieve filtered request type.
16. (Original) An information management method as recited in claim 10 wherein the unregister event invokes a request authentication process.
17. (Original) An information management method as recited in claim 10 wherein the raise event invokes a second event handler.
18. (Original) An information management method as recited in claim 17 wherein the second event handler processes at least one of a life expiration event, timeout event or an error event.

19. (Original) An information management method as recited in claim 1 wherein the client machine and the server machine is comprised of a user interface services, a common services, an environment cache, an environment handle and a transport/communications.

20. (Original) An information management method as recited in claim 19 wherein the transport/communications processes event types via an event handler.

21. (Original) An information management method as recited in claim 20 wherein the event handler processes at least one of a go online type, a registration required type, an unregistration required type, a send/post type or an external event type.

22. (Original) An information management method as recited in claim 19 wherein the common services coordinates a selection of a proper environment.

23. (Currently Amended) An information management system comprising:
a plurality of client machines, each of which are coupled to a network, that host a plurality of client environments;
a plurality of server machines, each of which are coupled to the network, that host a plurality of host client environments;
a plurality of discovery machines, each of which are coupled to the network, and adapted for:
determining whether a client machine is on-line; and
~~which facilitates~~facilitating a connection between a single client environment associated with the client machine and a single host client environment associated with the server machine for the transfer of information if the client machine is on-line.

24. (Original) An information management system as recited in claim 23 wherein the plurality of host client environments have a logon service.

25. (Original) An information management system as recited in claim 24 wherein a successful login via the logon service is dictated by a set of member credentials.

26. (Original) An information management system as recited in claim 23 wherein the plurality of host client environments determines access to a piece of information via a set of rules.

27. (Original) An information management system as recited in claim 23 wherein the plurality of host client environments maintain a list of available information.

28. (Original) An information management system as recited in claim 27 wherein the plurality of host client environments maintain a list of owners of the list of available information and a list of locations of available information.
29. (Original) An information management system as recited in claim 28 wherein the plurality of host client environments determine who to send an update of the piece of information by accessing the list of owners of the list of available information.
30. (Original) An information management system as recited in claim 23 wherein the single client environment maintains a list of rules that determines access to a piece of information via a set of rules.
31. (Original) An information management system as recited in claim 23 wherein the plurality of discovery machines have an event handler that processes an event.
32. (Original) An information management system as recited in claim 31 wherein the event handler processes at least one of a register event, an unregister event, a send/post event, a request event or a raise event.
33. (Original) An information management system as recited in claim 32 wherein the register event invokes a request authentication process.
34. (Original) An information management system as recited in claim 32 wherein the request event invokes a credential verification process.
35. (Original) An information management system as recited in claim 34 wherein the credential verification process also includes a request handling process.
36. (Original) An information management system as recited in claim 35 wherein the request handling process also includes a decrypted request handling process.
37. (Original) An information management system as recited in claim 36 wherein the decrypted request handling process processes at least one of a retrieve all request type, a get count/list request type, a retrieve one(s) request type and a retrieve filtered request type.
38. (Original) An information management system as recited in claim 32 wherein the unregister event invokes a request authentication process.
39. (Original) An information management system as recited in claim 32 wherein the raise event invokes a second event handler.

40. (Original) An information management system as recited in claim 39 wherein the second event handler processes at least one of a life expiration event, timeout event or an error event.
41. (Original) An information management system as recited in claim 23 wherein the plurality of client machines and the plurality of server machines are comprised of a user interface services, a common services, an environment cache, an environment handle and a transport/communications.
42. (Original) An information management system as recited in claim 41 wherein the transport/communications processes event types via an event handler.
43. (Original) An information management system as recited in claim 42 wherein the event handler processes at least one of a go online type, a registration required type, an unregistration required type, a send/post type or an external event type.
44. (Original) An information management system as recited in claim 41 wherein the common services coordinates a selection of a proper environment.
45. (New) An information management method comprising;
invoking a client environment hosted on a client machine;
registering the client environment with a discovery machine coupled to the client machine by a network;
processing an event at the discovery machine using a first event handler, wherein the event is selected from the group consisting of a register event, an unregister event, a send/post event, a request event and a raise event;
invoking a second event handler upon the occurrence of the raise event;
registering a server machine coupled to the network with the discovery machine;
registering a host environment of the client environment on the server machine with the discovery machine upon an indication that the server machine has a communication for the client environment;
establishing a direct link between the client machine and the server machine; and
delivering the communication from the server machine to the client machine.
46. (New) An information management method as recited in claim 45 wherein the second event handler processes at least one of a life expiration event, timeout event or an error event.

47. (New) An information management system comprising:
- a plurality of client machines, each of which are coupled to a network, that host a plurality of client environments;
 - a plurality of server machines, each of which are coupled to the network, that host a plurality of host client environments;
 - a plurality of discovery machines, each of which are coupled to the network, comprising a first event handler, wherein the plurality of discovery machines is adapted for facilitating a connection between a single client environment and a single host client environment for the transfer of information, and wherein the first event handler is adapted for:
 - processing at least one event selected from the group consisting of a register event, an unregister event, a send/post event, a request event and a raise event;
 - and
 - invoking a second event handler upon occurrence of the raise event.
48. (New) An information management system as recited in claim 47 wherein the second event handler processes at least one of a life expiration event, timeout event or an error event.